Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 03 Jul 2023 until 23:59 on Tuesday 04 Jul 2023

Forecast Issued on Sunday 02 Jul 2023 at 16:21

Confidence: Only moderate confidence in the rain and cloud details for the coming few days. Forecast should be monitored for changes.

Headline for Monday 03 Jul 2023: Occasional showers, heaviest and most persistent late morning.

Mountain weather hazards on Monday 03 Jul 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Medium Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers (night)	Partly cloudy (night)	Light rain showers	Heavy rain showers	Heavy rain showers	Thundery showers	Light rain showers	Light rain showers
Precipitation probability							
30%	20%	30%	60%	80%	60%	40%	30%

Forecast for Monday 03 Jul 2023

Weather: Largely dry with patchy cloud overnight and some bright spells likely to start. Cloud soon thickening however, with further showers moving in from the west by mid-morning. Showers remaining heavy at times, with the possibility of merging to give longer spells of rain and some potentially thundery downpours, but expected to fade into the evening as winds ease somewhat.

Chance of cloud-free hill tops above 600m: 90% initially, lowering from the west to 60%, but improving once again to 80% into the afternoon.

Low Cloud and visibility: Scraps of cloud early on perhaps just shrouding some higher peaks. Cloud soon lowering and thickening, with bases falling to 500-600m at times, especially in the west or around any heavier showers. Visibility generally good, but likely dropping moderate to poor in showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Monday 03 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/24 W	15/22 W	19/26 W	22/31 W	19/28 SW	17/25 W	17/25 W	14/23 W	14/23 SW
300	11/27 W	9/23 W	12/25 W	16/30 W	14/27 W	13/25 W	12/25 W	8/20 W	8/20 W
Valley	4/15 NW	4/16 W	6/15 SW	12/24 W	11/22 W	10/21 W	11/22 W	7/19 W	5/15 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/3	7/3	7/2	8/4	8/4	9/5	8/5	8/4	7/4
300	9/6	8/6	10/7	11/8	11/8	12/9	11/8	9/7	9/7
Valley	10/9	9/8	11/10	13/11	12/10	13/12	12/10	11/10	10/8
Freezing Level*	1600m	1500m	1500m	1500m	1600m	1700m	1600m	1600m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A day of multiple hazards up on the hills and care should be taken. Feeling cold at height during the morning, particularly as rain sets in. This chilly feel at height persisting into the afternoon though UV levels remain moderate to high in any brightness. Conditions changing quickly into the afternoon as showers pass through, with the risk of stronger gusts over exposed tops in association.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 02 Jul 2023	0mm	16.4mm	19mm

Forecast for Tuesday 04 Jul 2023

Weather: Scattered showers persisting on Tuesday, these occasionally heavy with the risk of thunder but tending to become less frequent through the day. West-southwesterly winds easing somewhat compared to Monday.

Maximum wind: West-southwesterly 15-20mph, gusting 25-30mph

Chance of cloud-free hill tops above 600m: 80%

Low Cloud and visibility: Visibility generally good, dropping to poor in heavier showers. Cloud bases generally above all but the higher peaks outside of showers.

Temperature: **Valleys:** Plus 9 Celsius, rising to Plus 12 Celsius.
At 600m: Plus 7 Celsius, rising to Plus 10 Celsius.
Freezing level: Above summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.